

CLAIM AMENDMENTS

1.-33. (Canceled)

34. (Currently Amended) A method of detecting the presence and type of media in the media path of an image forming apparatus, comprising:
- directing optical energy from an optical source to an optical detector;
 - directing said optical energy through at least two distinct locations along said media path;
 - reflecting said optical energy off at least two reflective surfaces;
 - detecting and quantifying optical energy from said optical source at said optical detector, the steps of directing optical energy from said optical source to said optical detector and detecting and quantifying optical energy from said optical source at said optical detector respectively comprising directing and receiving optical energy at substantially equal, but opposite angles with respect to a direction normal to said media path; and
 - in response to detecting and quantifying said optical energy at said detector, determining whether no media, opaque media, or transparent media is present in said media path by detecting a level of optical energy in the case of transparent media that is between that in cases of opaque media and no media present.
35. (Original) The method of claim 34 wherein determining that no media is present in said media path comprises detecting a readily detectable amount of the optical energy from said source at said detector.

36. (Original) The method of claim 34 wherein determining that opaque media is present in said media path comprises detecting little or no optical energy from said source at said detector.
37. (Original) The method of claim 34 wherein determining that transparent media is present in said media path comprises detecting a level of optical energy from said source between the cases of opaque media and no media reaches said detector when transparent media is present in said media path.
38. (Cancelled)
39. (Previously presented) The method of claim 34 wherein directing optical energy from said optical source to said optical detector comprises directing optical energy from said optical source disposed on a first side of said media path, through said media path a first time, to said at least two reflective surfaces disposed on a second side of said media path, through said media path a second time, to said detector disposed on said first side of said media path.
40. (Original) The method of claim 34 further comprising:
determining the length of a media sheet by measuring the elapsed time between sensing the leading edge of said media sheet and sensing the trailing edge of said media sheet, and multiplying said elapsed time by a known speed of said media sheet.
- 41.-48. (Canceled)